



CASE 4-20890C

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EV36558843905  
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

CUENOUD ET AL.

APPLICATION NO: 10/696,488

FILED: OCTOBER 29, 2003

FOR: 2'-SUBSTITUTED NUCLEOSIDES AND OLIGONUCLEOTIDE  
DERIVATIVESCommissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450INFORMATION DISCLOSURE STATEMENT

Sir:

This paper is being filed within three months of the filing date of the application. Therefore, no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-0134.

In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form PTO-1449.

The listed references are of record in parent Application No. 09/194,844 filed May 14, 1999, and copies are available therein. However, applicants are willing to send copies of any or all of these references at the Examiner's request.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,



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Attorney for Applicants  
Reg. No. 33,593  
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Novartis  
Corporate Intellectual Property  
One Health Plaza, Building 430  
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Date: 1/27/2004

FORM PTO-1449  
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

## INFORMATION DISCLOSURE CITATION

(See several sheets if necessary)

ATTY. DOCKET NO.

4-20890/APCT

APPLICATION NO.

09/15/94

APPLICANT

CUENOUD ET AL

FILING DATE May 14, 1999

Sheet 1 of 3

Group

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	5,750,673	5/12/98	Martin	536	26.1	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM	2,123,241	11/13/94	CA (E P 0626387)			<input type="checkbox"/>	<input type="checkbox"/>
	AN	0 679 657	11/2/95	EP (see US 5,750,673)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	AO	41 10 085	10/1/92	DE (see English Abstract)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	AP	WO 91/06556	5/16/91	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AQ	WO 91/15499	10/17/91	PCT			<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AR	Beaucage et al., Tetrahedron Report Number 309, Vol. 48, No. 12, pp. 2223-2311 (1991)
AS	Cohen J. et al., Scientific American, The New Genetic Medicines, pp. 50-55 (1994)
AT	Crooke et al., International ISBN 3-540-58890-6, Medical Intelligence Unit, Therapeutic Applications of Oligonucleotides, R. G. Landes Company, Austin

EXAMINER /Jon Eric Angell/

DATE CONSIDERED 06/23/2008

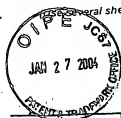
\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /JEA/

FORM PTO-1449  
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
4-20890/APCT  
APPLICATION NO.  
09/194,844  
APPLICANT  
CUENOUD ET AL.  
FILING DATE May 14, 1999

Sheet 2 of 3

Group



## INFORMATION DISCLOSURE CITATION

(See several sheets if necessary)

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AU	De Mesmaecker et al., Current Opinion in Structural Biology, Vol. 5, pp. 343-355 (1995)		
AV	Douglas M. et al., Pergamon, Bioorg. & Medicinal Chemistry Letters, Vol. 4, No. 8, pp. 995-1000 (1994)		
AW	Inoue et al., Nucleic Acids Research, Vol. 15, No. 15, pp. 6131-6148 (1987)		
AX	Iribarren A., et al., Biochemistry, Proc. Natl. Acad. Sci., USA, Vol. 87, pp. 7747-7751 (1990)		
AY	Keller et al., Helvetica Chimica Acta., Vol. 76, pp. 884-892 (1993)		
AZ	Keller et al., Nucleic Acids Research, Vol. 21, No. 19, pp. 4499-4505 (1993)		
BA	Lesnik. et al., Biochemistry, Vol. 32, pp. 7832-7838 (1993)		
BB	Manoharan M. et al., Tetrahedron Letters, Vol. 32, No. 49, pp. 7171-7174 (1991)		
BC	Martin P., Helvetica Chimica Acta, Vol. 78, pp. 486-504 (1995)		
BD	Plum G. et al., Annu. Rev. Biophys. Biomol. Struct., Vol. 24, pp. 319-350 (1995)		
BE	Stull R. et al., Pharmaceutical Research, Vol. 12, No. 4, pp. 465-483 (1995)		
BF	Abstract 92-332937 (DE 4110 085, 11/15/93)		
BG	Copy of International Search Report		
AN			
EXAMINER	/Jon Eric Angell/	DATE CONSIDERED	06/23/2008

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## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)


 ATTY. D. SET NO.  
 4-20890/ATCT  
 APPLICATION NO.  
 09/194,844  
 APPLICANT  
 CUENOUD ET AL.  
 FILING DATE May 14, 1999

Sheet 1 of 1 4006488 - GAU: 1635

Group

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AA	92/03568	3/5/92	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AB	93/07883	4/29/93	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AC	93/13121	7/8/93	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AD	93/17717	9/16/93	WO			<input type="checkbox"/>	<input type="checkbox"/>
	AE	94/02501	2/3/94	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AF	95/03568	3/5/92	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AG	95/06659	3/9/95	WO			<input type="checkbox"/>	<input type="checkbox"/>
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	AL						<input type="checkbox"/>	<input type="checkbox"/>
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	AO						<input type="checkbox"/>	<input type="checkbox"/>
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	AR						<input type="checkbox"/>	<input type="checkbox"/>
	AS						<input type="checkbox"/>	<input type="checkbox"/>
	AT						<input type="checkbox"/>	<input type="checkbox"/>
	AU						<input type="checkbox"/>	<input type="checkbox"/>
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	AW						<input type="checkbox"/>	<input type="checkbox"/>
	AX						<input type="checkbox"/>	<input type="checkbox"/>
	AY						<input type="checkbox"/>	<input type="checkbox"/>
	AZ						<input type="checkbox"/>	<input type="checkbox"/>

EXAMINER

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